

# M A T E R I A L   S A F E T Y   D A T A   S H E E T

## SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

THIS MATERIAL SAFETY DATA SHEET IS AVAILABLE IN SPANISH UPON REQUEST.

LOS DATOS DE SEGURIDAD DEL PRODUCTO PUEDEN OBTENERSE EN ESPANOL SI LO REQUIERE.

PRODUCT NAME : DAP WELDWOOD CLEANER & THINNER  
 UPC NUMBER : 7079825350  
 PRODUCT USE/CLASS : Solvent Blend

MANUFACTURER: 24 HOUR EMERGENCY:  
 DAP INC. TRANSPORTATION: 1-800-535-5053 (352-323-3500)  
 2400 BOSTON STREET MEDICAL : 1-800-327-3874 (513-558-5111)  
 BALTIMORE, MD 21224

PREPARE DATE : 08/08/1996 GENERAL INFORMATION:  
 REVISION NO. : 3 DAP INC. : 1-888-DAP-TIPS (1-888-327-8477)  
 REVISION DATE: 12/03/2002

## SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

ITEM	CHEMICAL NAME	CAS NUMBER	WT/WT % RANGE
01	N-butyl acetate	123-86-4	10.0-20.0 %
02	Mineral spirits	8052-41-3	80.0-90.0 %

EXPOSURE LIMITS						
ITEM	ACGIH		OSHA		COMPANY	SKIN
	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING	TLV-TWA	
01	150 ppm	200 ppm	N.E.	150 ppm	N.E.	NO
02	100 ppm	N.E.	500 ppm	N.E.	N.E.	NO

(See Section 16 for abbreviation legend)

Remaining ingredients are not considered hazardous per the OSHA Hazard Communication Standard.  
 Listed Permissible Exposure Levels (PEL) are from the U.S. Dept. of Labor  
 OSHA Final Rule Limits (CFR 29 1910.1000); limits may vary between states.

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: DANGER! Flammable liquid and vapor. Vapor harmful. Harmful or fatal if swallowed. Causes eye, skin, nose, throat and respiratory tract irritation.

POTENTIAL HEALTH EFFECTS:

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Causes eye irritation.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: Prolonged exposure to the skin may dry the skin and cause dermatitis or burns. Harmful if absorbed through the skin.

EFFECTS OF OVEREXPOSURE - INHALATION: Vapor harmful if inhaled. Vapor inhalation may affect the brain or nervous system causing dizziness, headache, nausea or unconsciousness.

EFFECTS OF OVEREXPOSURE - INGESTION: This material is harmful or fatal if swallowed. If ingested this product may cause vomiting, diarrhea, and depressed respiration. Aspiration of material into the lungs due to vomiting can cause chemical pneumonitis which can be fatal.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Repeated or prolonged exposure may cause irregular heart beat and heart failure as well as respiratory system, kidney, cardiovascular and liver damage. NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

MEDICAL CONDITIONS WHICH MAY BE AGGRAVATED BY CONTACT: None known.

PRIMARY ROUTE(S) OF ENTRY: SKIN CONTACT INHALATION

SECTION 4 - FIRST AID MEASURES

EYE CONTACT: Flush with large quantities of water for at least 15 minutes until irritation subsides. Get medical attention immediately.

SKIN CONTACT: Wash thoroughly with soap and water.

INHALATION: Remove to fresh air. Contact a physician immediately.

INGESTION: DO NOT INDUCE VOMITING. Contact a physician or Regional Poison Control Center immediately.

(Continued on Page 3)

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SECTION 4 - FIRST AID MEASURES  
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COMMENTS: Call 1-800-327-3874 if any irritation or complications arise from any of the above routes of entry.

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SECTION 5 - FIRE FIGHTING MEASURES  
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FLASH POINT: 89 F

LOWER EXPLOSIVE LIMIT: N.A.

(SETAFLASH CLOSED CUP)

UPPER EXPLOSIVE LIMIT: N.A.

AUTOIGNITION TEMPERATURE: N.E.

EXTINGUISHING MEDIA: CO2 DRY CHEMICAL FOAM

UNUSUAL FIRE AND EXPLOSION HAZARDS: Containers may explode if exposed to extreme heat. Eliminate sources of ignition: heat, electrical equipment, sparks, and flames. Do not put in contact with oxidizing or caustic materials.

SPECIAL FIREFIGHTING PROCEDURES: Full protective equipment, including self-contained breathing apparatus, is recommended to protect from combustion products. Cool exposed containers with water.

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SECTION 6 - ACCIDENTAL RELEASE MEASURES  
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SPILL OR LEAK PROCEDURES: Dike spill area. Immediately eliminate sources of ignition. Use absorbent material or scrape up dried material and place into containers.

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SECTION 7 - HANDLING AND STORAGE  
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HANDLING INFORMATION: KEEP OUT OF REACH OF CHILDREN. Use only with adequate ventilation. Do not breathe vapors. Avoid breathing vapors by opening all windows and doors or use other means to ensure cross ventilation and fresh air entry during application and drying. Odor is not an adequate warning for hazardous conditions. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use.

Vapors are heavier than air and will collect in low areas. Check all low areas (basements, sumps, etc...) for vapor before entering. Vapors may cause flash fire. Keep away from heat, sparks, and flames. Do not smoke. Extinguish all flames and pilot lights. Turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Vapors may travel long distances to a source of ignition and flash back. Do not use in areas where static sparks may be generated. Keep

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SECTION 7 - HANDLING AND STORAGE  
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container closed when not in use. Empty container may contain explosive vapors.

STORAGE INFORMATION: Store away from caustics and oxidizers. Keep away from heat, spark, and flame. Keep containers tightly closed when not in use. Keep containers from excessive heat and freezing. Do not store in direct sunlight. Do not store near stoves or radiators. Do not store at temperatures above 120 degrees F.

OTHER PRECAUTIONS: Intentional misuse by deliberately concentrating and inhaling vapors may be harmful or fatal. Do not take internally.

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SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION  
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ENGINEERING CONTROLS: Provide sufficient mechanical ventilation (local or general exhaust) to maintain exposure below PEL and TLV. Vapors are heavier than air and will collect in low areas. Check all low areas (basements, sumps, etc.) for vapor before entering. Provide eyewash and solvent impervious apron if body contact with product may occur.

RESPIRATORY PROTECTION: If 8 hour exposure limit or value is exceeded for any component, use an approved NIOSH/OSHA respirator. Consult your safety equipment supplier and the OSHA regulation, 29 CFR 1910.134 for respirator requirements. A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

EYE PROTECTION: Goggles or safety glasses with side shields.

SKIN PROTECTION: Solvent impervious gloves.

OTHER PROTECTIVE EQUIPMENT: Solvent impervious apron and safety eyewash.

HYGIENIC PRACTICES: Do not get in eyes, on skin or on clothing. Remove contaminated clothing and wash before reuse.

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES  
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BOILING RANGE	: 250 - 270 F	VAPOR DENSITY	: Is heavier than air
ODOR	: Hydrocarbon		
APPEARANCE	: Clear liquid	EVAPORATION RATE:	Is faster than Butyl Acetate
SOLUBILITY IN H2O	: Negligible		
SPECIFIC GRAVITY	: 0.7859		
VAPOR PRESSURE	: 8 mm Hg @ 68 F.		
PHYSICAL STATE	: Liquid		

(See Section 16 for abbreviation legend)

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Avoid high temperatures.

INCOMPATIBILITY: Strong oxidizers and caustics.

HAZARDOUS DECOMPOSITION PRODUCTS: Normal decomposition products, i.e. COx, NOx

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

SECTION 11 - TOXICOLOGICAL PROPERTIES

No product or component toxicological information is available.

SECTION 12 - ECOLOGICAL INFORMATION

No Information.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE MANAGEMENT/DISPOSAL: Dispose of according to Federal, State, and Local Standards. Discarded material should be incinerated at a permitted facility. Liquids cannot be disposed of in a landfill. Do not reuse empty container. State and Local regulations/restrictions are complex and may differ from Federal regulations. Responsibility for proper waste disposal is with the owner of the waste.

EPA WASTE CODE - If discarded (40 CFR 261): D001-Ignitable.

SECTION 14 - TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: Consumer Commodity\*. (Paint Related Material)

DOT HAZARD CLASS: ORM-D (Class 3)

DOT UN/NA NUMBER: None (1263) PACKING GROUP: None (III)

\* For containers of 1 gallon or less when shipped by domestic ground

SECTION 14 - TRANSPORTATION INFORMATION

transportation only.

SECTION 15 - REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: AS FOLLOWS -

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

None

TOXIC SUBSTANCES CONTROL ACT:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

None

NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but are among the top five components in this product:

----- CHEMICAL NAME -----	CAS NUMBER
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No non-hazardous materials are among the top five ingredients.

PENNSYLVANIA RIGHT-TO-KNOW:

The following non-hazardous ingredients are present in the product at greater than 3%:

----- CHEMICAL NAME -----	CAS NUMBER
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No non-hazardous ingredients are present at greater than 3%.

CALIFORNIA PROPOSITION 65:

WARNING: The chemical(s) noted below and contained in this product, are known to the state of California to cause cancer, birth defects or other reproductive harm:

None

INTERNATIONAL REGULATIONS: AS FOLLOWS -

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

CANADIAN WHMIS CLASS: No information available.

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SECTION 15 - REGULATORY INFORMATION

SECTION 16 - OTHER INFORMATION

HMIS RATINGS - HEALTH: 2      FLAMMABILITY: 3      REACTIVITY: 0

PREVIOUS MSDS REVISION DATE: 10/15/2001

REASON FOR REVISION:

SECTION 3: Update hazards identification.

SECTION 7: Update handling and storage information.

SECTION 8: Update engineering controls and the use of personal protective devices

VOC less water, less exempt solvent: 780-785 gm/l

VOC material: 780-785 gm/l

SECTION 16 - OTHER INFORMATION

LEGEND: ACGIH - AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS  
N.A. - NOT APPLICABLE  
N.E. - NOT ESTABLISHED  
PEL - PERMISSIBLE EXPOSURE LIMIT  
NTP - NATIONAL TOXICOLOGY PROGRAM  
SARA - SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986  
STEL - SHORT TERM EXPOSURE LIMIT  
TLV - THRESHOLD LIMIT VALUE (8 HR. TIME WEIGHTED AVERAGE OR TWA)  
VOC - VOLATILE ORGANIC COMPOUND  
NJRTK - NEW JERSEY RIGHT TO KNOW LAW  
N.D. - NOT DETERMINED

MSDS#: 30535

SECTION 16 - OTHER INFORMATION

This data is offered in good faith as typical values and not as a product specification. No warranty either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review the recommendations in specific context of the intended use and determine if they are appropriate.

< End OF MSDS >